of 30 EXHIBIT



DOVER AREA SCHOOL DISTRICT

BIOLOGY I PLANNED COURSE/CURRICULUM GUIDE

PART A

COURSE DESCRIPTION: The study of life.

GRADE(S): 9

WRITTEN BY:

COURSE LENGTH: 90 days DU

DURATION: 90 min. pds. FREQUENCY: 6 out of 6

TIME	UNIT CONTENT/CONCEPTS/ PROCESS	STATE STANDARD (NAT. STANDARD)	INSTRUCTIONAL STRATEGIES, LEARNING PRACTICES ACTIVITIES AND EXPERIENCES	MATERIALS AND RESOURCES
8 Days	Chapter One- The Science of Biology			
3 days	Students will be able to list and define the characteristics of life.	3.3.10.A	Lecture Labs Teacher demonstration Student discussion	Biology: The Living Science Textbook Living/Nonliving collage
2 days	Students will be able to list, define, and give examples of the levels of organization in biology from atoms to biosphere.	3.3.10.A	Student activity Student discussion	Levels of Organization WS Pyramid activity
P 01625	Students will be able to use a microscope properly. Students will differentiate between the scanning electron, transmission electron, compound light, and stercomicroscopes.	3.7.10. A 3.7.10. B	Lab Lecture Demonstration Homework	Textbook Microscope Lab Microscope handout Microscope drawing guide

BIOLOGY CHAPTER I PLANNED COURSE/CURRICULUM GUIDE

PART B

GRADE: 9

OPPORTUNITIES	ENRICHMENT,	REMEDIATION AND	ASSESSMENTS
FOR	AND EXPANDED	INTERVENTION	AND PORTFOLIO
INTEGRATION	OPPORTUNITIES	STRATEGIES	OPPORTUNITIES
Mathematical conversions	Research history of microscopes	Model steps as you teach	Unit One Exam
Artistic expression	Expand on science project	One-on-one instruction	Laboratory activities
Problem solving techniques	Research biologists that study	Provide visual help	Quizzes
,	the different levels of	Allow more time to work	Homework
	organization		
	Lab report	- Charles (Conference Conference	The section of the Management of States of the section of the sect

BIOLOGY I PLANNED COURSE/CURRICULUM GUIDE

PART A

COURSE DESCRIPTION: The study of life

GRADE(S): 9

COURSE LENGTH: 90 days DURATION: 90 minutes FREQUENCY: 6 out of 6

TIME	CONTENT/CONCEPTS/	STATE STANDARD (NAT. STANDARD)	INSTRUCTIONAL STRATEGIES, LEARNING PRACTICES ACTIVITIES AND EXPERIENCES	MATERIALS AND RESOURCES
II days	Chapter 2 - The Chemistry of Life	Account of the contract of the		
l day	Students will be able to differentiate between organic and inorganic molecules. Students will be able to experiment with and define the properties of water.	3.3.10.B	Lab Lecture Homework	Textbook Periodic tables Water lab
l day	Students will be able to identify acids and bases by their pH values.	3.3.10.B	Lecture Lab	Acid/Base Lab
P 01627	Students will be able to define the characteristics of carbohydrates and their building blocks.	3.3.10.B 9.3.9.E	Lecture Student activity	Pasta Power packet Carbohydrate activity
3 days	Students will be able to build	3.3.10.B	Lab	Pasta Power packet

	structural models for all types of carbohydrates.		Student activity	Molecular Model Lab
day	Students will be able to perform qualitative tests on foods.	3.3.10.B 9.3.9.E	Lab	Carbohydrate lab Pasta Power packet
day	Students will be able to identify the characteristics of lipids and the functions of lipids in the body.	3.3.10.B 9,3.9.D	Lecture Student activity and practice	Cholesterol video Lipid activíty
1 day	Students will be able to calculate percentage of body fat 3.3.10.B using the skin calipers. Students will be able to qualitatively test for lipids.	33.10.B 9.3.9.D	Student activity Lab	Percent body fat calculation Lipid lab
2 days	Students will be able to identify the characteristics of proteins and their functions within the human body.	3.3.10.B	Lecture Student activity	Protein activity
l day	Students will be able to qualitatively test food products for the presence of specific organic compounds.	3.3.10.B	Lab	Biochemistry Lab Lab write up
				and the second s

P 01628

BIOLOGY I - CHAPTER 2 PLANNED COURSE/CURRICULUM GUIDE

PART B

GRADE: 9

ASSESSMENTS AND PORTFOLIO OPPORTUNITIES	Chapter 2 Exam Lab activities Lab write-up Pasta Power writing activity Homework assignments	
REMEDIATION AND INTERVENTION STRATEGIES	Outline to support comprehension Help students with vocabulary terms Break down information into shorter tests	
ENRICHMENT, AND EXPANDED OPPORTUNITIES	Plan a weekly diet incorporating Coutline to support comprehension ach organic compound. Build models of each of the compounds. Break down inform shorter tests	
OPPORTUNITIES FOR INTEGRATION	ences	

BIOLOGY I PLANNED COURSE/CURRICULUM GUIDE

PART A

COURSE DESCRIPTION: The study of life

DURATION: 90 minutes FREQUENCY: 6 out of 6 COURSE LENGTH: 90 days GRADE(S): 9

TIME CONTENT/CONCEPTS/ WEEKS/CLASSES) PROCESS	Chapter 3	The student will be able to differentiate between a eukaryotic and a prokaryotic cell. The student will be able to explain how the cell shape relates to its function. The student will be able to	differentiate between a plant and an animal cell. The student will be able to diagram a typical animal or plant cell and explain the functions of the organelles.	2 days The students will be able to identify the parts of a cell under
CEPTS/ STATE STANDARD (NAT. STANDARD)		ole to 3.3.10.A aryotic be able to hape	a plant ole to 3.3.10.A nal or 3.3.10.B the clies.	ble to 3.3.10.A cell under 3.3.10.B
INSTRUCTIONAL STRATEGIES, LEARNING PRACTICES ACTIVITIES AND EXPERIENCES		Lecture Demonstration	Student project	Lab
MATERIALS AND RESOURCES		Textbook Computer Cell pictures	Textbook Internet Power point presentation Cell project outine Computer lab	Cell lab Microscopes

l day	The students will be able to differentiate between passive and active transport, diffusion and osmosis, and hypertonic, hypotonic, and isotonic.	3.3.10.A 3.3.10.B	Lecture Demonstration Student activity	Hypertonic, hypotonic, and isotonic worksheet	
I day	The student will be able to determine the rate of osmosis using dialysis tubing.	3.3.10.A 3.3.10.B	Lab	Rate of osmosis lab	

BIOLOGY I - CHAPTER 3 PLANNED COURSE/CURRICULUM GUIDE

PART B

GRADE: 9

OPPORTUNITIES FOR INTEGRATION	ENRICHMENT, AND EXPANDED OPPORTUNITIES	REMEDIATION AND INTERVENTION STRATEGIES	ASSESSMENTS AND PORTFOLIO OPPORTUNITIES
Physics – Ienses Medicine	Describe how osmosis affects living things (i.e. penicillin).	Read tests Group study sessions Help student with vocabulary	Chapter 3 Exam Cell Project Lab activities

BIOLOGY I PLANNED COURSE/CURRICULUM GUIDE

PART A

COURSE DESCRIPTION: The study of life

GRADE(S): 9

WRITTEN BY:

COURSE LENGTH: 90 days

DURATION: 90 minutes FREQUENCY: 6 out of 6

MATERIALS AND RESOURCES		Textbook Lime water demonstration	ATP advertisement activity	Fermentation Lab
INSTRUCTIONAL STRATEGIES, LEARNING PRACTICES ACTIVITIES AND EXPERIENCES		Lecture Demonstration	Student activity	Lab
STATE STANDARD		3.3.10.B	3.3.10.B	3.3.10.B
UNIT CONTENT/CONCEPTS/ PROCESS	Chapter 4 - Energy and the Cell	The students will be able to explain how energy is stored in ATP. To list how energy is converted from one form to another.	The student will be able to describe the structure of ATP and how it is used by the body for the energy.	The student will be able to
TIME	8 days	l day	P 01633	1 day

	demonstrate fermentation and to determine the reactants and products.			
days	The student will be able to describe the overall reaction of cellular respiration.	3.3.10.B	Student activity	Diagram cellular respiration
clay	The student will be able to describe the light and dark reactions of photosynthesis. The student will be able to	3,3.10.B	Lecture Demonstration	Textbook
l day	describe the function of chlorophyll. The student will be able to identify the pigments found in leaves and the function of those pigments.	3.3.10.B	Lab	Separation of Leaf Pigments Lab

BIOLOGY 1 -- CHAPTER 4 PLANNED COURSE/CURRICULUM GUIDE

PART B

GRADE: 9

OPPORTUNITIES FOR INTEGRATION	ENRICHMENT, AND EXPANDED OPPORTUNITIES	REMEDIATION AND INTERVENTION STRATEGIES	ASSESSMENTS AND PORTFOLIO OPPORTUNITIES
Physics Industrial uses of fermentation Mathematical equations Chemistry Aerobic and anaerobic exercises	Report on industrial uses of fermentation Muscles and ATP Define aerobic and anacrobic exercises Explain the function of other pigments in plants ex. Flower	Highlight important reactions Break down reactions into small steps Small group study sessions	Chapter 4 Exam ATP advertisements Lab activities Cellular respiration posters
	petais		The second secon

BIOLOGY I PLANNED COURSE/CURRICULUM GUIDE

PART A

COURSE DESCRIPTION: The study of life

GRADE(S): 9

COURSE LENGTH: 90 days

DURATION: 90 minutes FREQUENCY: 6 out of 6

MATERIALS AND RESOURCES		Dukane filmstrip Overhead projector Colored pencils Mitosis/Meiosis packet	Microscope Onion root tip slides Fish blastula slides Colored pencils TV projection microscope	Bead kit
INSTRUCTIONAL STRATEGIES, LEARNING PRACTICES ACTIVITIES AND EXPERIENCES		Lecture Filmstrip Demonstration	Lab	Lab
STATE STANDARD (NAT. STANDARD)		3.3.10.C#1 3.3.10.C#3	3.3.10.C.#1	3.3.10.C.#1
UNIT CONTENT/CONCEPIS/ PROCESS	Chapter 5 - Cell Division Chapter 6 - Genetics	Students will be able to differentiate between asexual and sexual reproduction. Students will be able to list reasons a cell would undergo mitosis.	Students will be able to identify stages of mitosis under the microscope.	Students will be able to
TIME	7 days	l day	P 01636	(lav

	demonstrate their knowledge of the stages of mitosis and cytokinesis using beads and colored pencils.		Student activity	Colored pencils Chalk
(lay	Students will be able to describe what occurs in each stage of mitosis. Students will be able to list reasons for undergoing meiosis and compare it to mitosis. Students will be able to define tetrad, homologous chromosomes, diploid, haploid, gametes, zygote.	3,3.10.C.#1	Quiz Lecture	Mitosis Quiz Mitosis/Meiosis packet Meiosis Overhead Overhead projector
l day	Students will be able to draw the stages of meiosis to demonstrate what occurs in each stage.	3.3.10.C.#3	Student activity	Mitosis/Meiosis packet Colored pencils
l day	Students will be able to diagnose a chromosomal abnormality using a karyotype.	3.3.12.C#4	Student activity/lab	Karyotype lab

PLANNED COURSE/CURRICULUM GUIDE

PART B

GRADE: 9

ASSESSMENTS AND PORTFOLIO OPPORTUNITIES	Mitosis Quiz Meiosis Quiz Lab reports Mitosis/Meiosis Exam Cancer research paper
REMEDIATION AND INTERVENTION STRATEGIES	Outline to support comprehension Help students with vocabulary terms Break down information into shorter tests
ENRICHMENT, AND EXPANDED OPPORTUNITIES	Research and report on how Outline to sur mitosis is related to cancer. Interview a genetic counselor to Help students learn the problems that can occur terms with meiosis and aging. Differentiate between males and shorter tests females undergoing meiosis.
OPPORTUNITIES FOR INTECPATION	Math Art Tealth

BIOLOGY I PLANNED COURSE/CURRICULUM GUIDE

PART A

COURSE DESCRIPTION: The study of life

GRADE(S): 9

COURSE LENGTH: 90 days

DURATION: 90 minutes FREQUENCY: 6 out of 6

	TIME (WEEKS/CLASSES)	UNIT CONTENT/CONCEPTS/ PROCESS	STATE STANDARD (NAT. STANDARD)	INSTRUCTIONAL STRATEGIES, LEARNING PRACTICES ACTIVITIES AND EXPERIENCES	MATERIALS AND RESOURCES
Port view object may release to the manager time group and	12 days	Chapter 6 - Genetics Chapter 7 - Human Inheritance			
	l day	Students will be able to describe Mendel's study on pea plants. Students will be able to define homozygous, heterozygous, dominant, and recessive, phenotype, and genotype, and genotype, and	3.3.10.C#4	Lecture Student activity	Mendel worksheet
	P 01639	names. Students will be able to investigate some human traits that are inherited by simple dominant and recessive alleles.	3.3.10.C. #6	Lab	Human Genetics Lab Investigating Human Traits Lab Coins
	1 day	Students will be able to	3.3.10.C. #2	Research	Library

			THE RESIDENCE OF THE PARTY OF T	A COLUMN TO THE PARTY OF THE PA
	research a genetic disease.			Internet Research activity
l day	Students will be able to cross two monohybrid traits and describe the resulting offspring.	3.3.10.C. #6	Lecture Student practice	Monohybrid problems
l day	Students will be able to cross variations of two traits and predict the results.	3.3.10.C. #6	Lecture Student practice Lab	Dihybrid problems Com dihybrid lab Investigation of Dihybrid Crossing
l day	Students will be able to cross variations of a codominant trait and predict the results.	3.3.10.C. #6	Lecture Student practice	Codominant problems
l day	Students will be able to cross variations of a sex-linked trait and predict the results.	3.3.10.C. #6	Lecture Student practice	Sex-linked problems
1 day	Students will be able to cross variations of a multiple allele problem and predict the results. Students will be able to determine the patemity of a baby using knowledge of bloodtyping genetics.	3.3.10.C. #6	Lecture Student practice Lab	Bloodtyping problems Paternity Test Lab
P 01640	Students will be able to describe the results of multiple gene and pedigree problems.	3.3.10.C. #6	Lecture Student practice	Pedigree problems Multiple gene problems
l day	Students will be able to	3.3.10.D #4	Video and discussion	Secret of Life video

Section of the sectio		The same of the sa		
	discuss the controversy of			TV/VCR
	nature vs. nuture.			Video questionnaire
l day	Students will be able to discuss the ramifications of using DNA to design their own children and cloning.	3.3.10.D #4	Video and discussion	Secret of Life video collection TV/VCR Video questionnaire
l day	Students will be able to describe several genetic disorders.	3.3.10.C. #2	Student oral reports	Genetic disorder reports grade sheets

PLANNED COURSE/CURRICULUM GUIDE

PARTB

GRADE: 9

		Control of the Contro	CACACACACACA
OPPORTUNITIES	ENRICHMENT.	REMEDIATION AND	ASSESSMENTS
EOR S	AND EXPANDED	INTERVENTION	AND PORTFOLIO
INTEGRATION	OPPORTUNITIES	STRATEGIES	OPPORTUNITIES
Health	Fruit fly cross	Allow more time for tests	Monohybrid Quiz
Family and Consumer Sciences	Pedigree analysis of family	Break down problems into steps	Dihybrid Quiz
Mathematics		Individual instruction	Codominant Quiz
		Study guides	Sex-linked Quiz
		After school tutoring	Bloodtyping Quiz
		ŀ	Multiple Gene Quiz
			Genetics Exam
			Lab write-ups

BIOLOGY I PLANNED COURSE/CURRICULUM GUIDE

PART A

COURSE DESCRIPTION: The study of life

GRADE(S):

9 COURSE LENGTH: 90 days FREQUENCY: 6 out of 6

DURATION: 90 minutes

CONTENT/CONCEPTS/ PROCESS Chapter 8 – DNA and RNA Chapter 9 – Genetic Engineering Students will be able to DNA, where its found, and its function. Students will be able to construct a DNA model, drawing and labeling all parts. Students will be able to 3.3.10.C#5 discuss the applications of

DNA packet DNA kits Colored pencils	DNA packet DNA kits Colored pencils	DNA packet DNA kits Protein synthesis lab	Textbook Colored pencils	Genetic Manipulation Lab	The Mouse that Laid the Golden Egg video "Your World" magazines
Lecture DI Student activity DI C.	Lecture D Student activity C	Lab Student activity D Pr	Lecture Students activity C	Lecture G	Video and discussion Readings C
3.3.10.C #7	3.3.10.C #7	3.3.10.C#7	3.3.10.C #2	3.3.12.C #3	3.3.12.C #3
Students will be able to describe the steps of transcription and diagram those steps.	Students will be able to describe the steps of translation and diagram those steps.	Students will be able to synthesize the information on protein synthesis using models and a strand of DNA to code for traits on a make believe animal.	Students will be able to define and describe types of chromosomal and gene mutations.	Students will be able to describe how scientists manipulate DNA to insert certain genes.	Students will be able to discuss the real world implications of genetic recombination.
l day	l day	l day	ł day	l day	P 01644

BIOLOGY I PLANNED COURSE/CURRICULUM GUIDE

PARTB

9
ä
\Box
₹
7

OPPORTUNITIES	ENRICHMENT,	REMEDIATION AND	ASSESSMENTS
FOR	AND EXPANDED	INTERVENTION	AND PORTFOLIO
INTEGRATION	OPPORTUNITIES	STRATEGIES	OPPORTUNITIES
Art	Human Genome Project report	Study guides	DNA Exam
Health	DNA fingerprinting and	Tests read to students	DNA Performance Exam
	electrophoresis	More time to take test	Lab write-ups
		DNA manipulatives	

DOVER AREA SCHOOL DISTRICT BIOLOGY I PLANNED INSTRUCTION/CURRICULUM GUIDE

The study of life PART A COURSE DESCRIPTION:

COURSE LENGTH: 90 days GRADE(S): 9

WRITTEN BY:

DURATION: 90 minutes

FREQUENCY: daily

INCEDITIONAL STRATEGIES.	UNIT CONTENT/CONCEPTS/ PROCESS (NAT. STANDARD)	Chapter 10 — Natural Selection Chapter 11 — The Mechanism of Evolution Chapter 12 — The Origins of Bindiversity	Students will be able to discuss Darwin's observations of the living world. Students will be able to discuss the variability found in nature.	Students will be able to describe 3.3.10.D.6 Research Textbook Library biomes and list the adaptations that organisms have to survive in this environment.	Students will be able to determine how Student activity Student activity Green peppers Student work to limit	Students will be able to define types of competition and how they relate to	population size. 3.3.10.D.1 Lecture Evolution Worksheet Biochemical Evidence Lab	Students will be made aware of 3.3.10.D.1 Lecture Reference: Of Pandas and People of other theories of evolution including, but not limited to Intelligent
	TIME MADE OF A CORE	(WEEMS/CLASSES)	day	2 days	l day	1 day	P 01646	

MATERIALS AND RESOURCES	Textbook	Library	Art supplies	Green peppers Worksheets Textbook	TV/VCR Video questionnaire	Evolution Worksheet Biochemical Evidence Lab	Textbook Register tape Calculator Lab paper	Textbook Simulating Natural Selection Lab	Darwin meets DNA activity Textbook
INSTRUCTIONAL STRATEGIES, LEARNING PRACTICES ACTIVITIES AND EXPERIENCES	ACHAINED AND EAST	Student reports		Lecture Student activity	Lecture Video	Lecture Lab	Lab	Lecture Lab	Lecture Student activity
STATE STANDARD	ON TO THE	3.3,10.D #0		3.3.10.D #6	3.3.10.D #6	3.3.10.D #1	3.3.10.D #5	3.3.10.D #6	3.3.10.D #6
UNIT CONTENT/CONCEPTS/	PROCESS	Students will be able to describe biomes and list the	adaptations that organisms have to survive in this environment.	Students will be able to determine how limiting factors work to limit	Students will be able to define types of competition and how they relate to	Students will be able to list evidences used to support Darwin's theory of the Origin of Species.	Students will be able to make a time line that demonstrates evolutionary changes during the history of earth.	Students will be able to define natural selection and artificial selection and demonstrate the process.	Students will be able to design a species placed under climatic pressure. Students will be able to differentiate between disruptive,
TIME	(WEEKS/CI.ASSES)	3 days		l day	l day	l day	3 days	I day	01647

		The state of the s	The state of the s	
l day	directional, and stabilizing selection. Students will be able to	3.3.10.D #6	Student activity	Textbook Graph paper
	graph the types of selection using human height.			Colored pencils
1 day	Students will be able to describe how speciation takes place using Darwin's	3.3.10.D #6	Lecture Lab	Pliers lab
l day	finches as an example. Students will be able to list how species change due to reproductive isolation.	3,3,10,D #6	Video and discussion	Voyage to the Galapagos video Video questionnaire
1 day	Students will be able to differentiate between adaptive radiation and	3.3.10.D#6	Lecture Student activity	Textbook Backyard evolution activity
3 days	convergent evolution. Students will be able to discuss the importance of	3.3.10.D #3	Lecture Student research and activity	Endangered species trading cards
allingue voyage and Market	biodiversity and list reasons why organisms have become extinct.			
	And the second s			The state of the s

BIOLOGY I PLANNED COURSE/CURRICULUM GUIDE

PART B

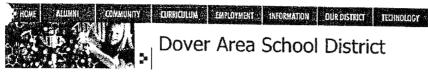
٩
ä
\Box
RA
Ü

Earth Science Create a phylogenetic tree on any Writing Fossil studies of Pennsylvania	OPPORTUNITIES FOR INTEGRATION	ENRICHMENT, AND EXPANDED OPPORTUNITIES	REMEDIATION AND INTERVENTION STRATEGIES	ASSESSMENTS AND PORTFOLIO OPPORTUNITIES
	Earth Science Math Writing	Research dinosaur extinction Create a phylogenetic tree on any species Fossil studies of Pennsylvania	Study guides Extra time on tests One-on-one instruction	Evolution Exam Lab write-ups Projects

ORDER C DISTRICT Spen School 18 min



CALINDAR



Dover Area School District

BOARD PRESS RELEASE FOR BIOLOGY CURRICULUM--11-19-04; reposted 12-14-04

> Dover Area Board of Director **Biology Curriculum Press Release**



The Dover Area School District has issued the following statement concerning the District's Biology curriculum. The District had determined to delay any official pronouncement until the curriculum update and implementation were complete. The prohousement until the currenum update and implementation were complete. The Dover Area School District has been committed to developing a curriculum that incorporates suggestions from the School Board, community, administration, teachers, and the District solicitor. The District now has a completed Biology curriculum and implementation procedure, in an attempt to clarify the District's policy and to correct any misinformation concerning the biology curriculum, the District states the following:

Over the past several months, the District's Board of Directors has been updating its Science and Biology curriculum and adopting and approving support materials, including textbooks. The School Board has undertaken considerable effort to develop and adopt a fair and balanced science curriculum. During the course of discussions about curriculum updates, numerous individuals and the media have made confusing, conflicting, and inaccurate statements. Many of these statements have been personal opinions or misinterpretations of District activities and curriculum directives. Some statements and opinions from the media, community members, and Board members. which are completely inaccurate or false, have been assumed to be official District policy or curriculum procedure. The following is the actual chronology of the District's Biology curriculum development process and implementation.

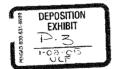
Teachers in the science department researched and recommended to the Administration the science textbook Biology (Prentice Hall) for its high school Biology class. The District adopted and purchased 220 copies of this teacher-and administration-recommended book

The District also received a donation of 60 copies of Of Pandas and People (Haughton Publishing Company) and that book now is listed as a reference book in the curriculum. It is not a required text, but, in an effort to present a balanced curriculum, the book is made available to all students who wish to review it and the ideas that are presented in the text.

The Biology curriculum also was updated to include the following preliminary statement:

Students will be made aware of gaps/problems in Darwin's Theory and of other theories of evolution including, but not limited to, intelligent Design. The Origins of Life is not taught.

In coordination with the science department teachers, the District solicitor, and the School Board, Mr. Michael Baksa, the Assistant Superintendent in charge of curriculum, developed the following procedural statement that will be read to all students as the new Biology curriculum is implemented beginning in January 2005:



The Pennsylvania Academic Standards require students to learn about Darwin's Theory of Evolution and eventually to take a standardized test of which evolution is a part.

Because Darwin's Theory is a theory, it continues to be tested as new evidence is discovered. The Theory is not a fact. Gaps in the Theory exist for which there is no evidence. A theory is defined as a well-tested explanation that unifies a broad range of observations.

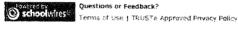
Intelligent Design is an explanation of the origin of life that differs from Darwin's view. The reference book, Of Pandas and People, is available for students who might be interested in gaining an understanding of what intelligent Design actually involves.

With respect to any theory, students are encouraged to keep an open mind. The school leaves the discussion of the Origins of Life to individual students and their families. As a Standards-driven district, class instruction focuses upon preparing students to achieve proficiency on Standards-based

The foregoing statements were developed to provide a balanced view, and not to teach or present religious beliefs. The Superintendent, Dr. Richard Nilsen, has directed that no teacher will teach intelligent Design, Creationism, or present his or her, or the Board's, religious beliefs. The Dover Area School District supports, and does not discriminate against, students and parents who have competing beliefs, especially in the area of the Origin of Life debate. The School Board has noted that there are opinions other than Darwin's on the Origin of Life. School districts are forums for inquiry and critical discussions. The above statement and the District's revised Biology curriculum together provide an opportunity for open critical discussion-the real heart of scientific practice.

Mr. Baksa and Dr. Nilsen will monitor instruction to ensure that religion is neither inhibited nor promoted.

Posted-12/14/04-2:31 p.m.



Copyright @2002-2005 Schoolwires, Inc. All rights reserved.



ADMINISTRATOR'S BIOLOGY STATEMENT IN BIOLOGY CLASS

1/18/05

- 1. Good morning/afternoon. I am, Mr. Joel Riedel and standing over there is Dr. Richard Nilsen and Mr. Michael Baksa. OR MQ. RIEDEU
- 2. You will soon begin to study Evolution in the class and the Board of School Directors has directed that the following statement be read. The statement is currently under litigation therefore; the administration is reading the statement not the teacher.
- 3. A letter went home asking if anyone had a problem with the statement and I would like to make sure at this time that everyone who would prefer not to hear the statement is now out of the classroom, anyone else?
- 4. Ok, the statement:

The Pennsylvania Academic Standards require students to learn about Darwin's Theory of Evolution and eventually to take a standardized test of which evolution is a part.

Because Darwin's Theory is a theory, it continues to be tested as new evidence is discovered. The Theory is not a fact. Gaps in the Theory exist for which there is no evidence. A theory is defined as a well-tested explanation that unifies a broad range of observations.

Intelligent Design is an explanation of the origin of life that differs from Darwin's view. The reference book, Of Pandas and People, is available for students who might be interested in gaining an understanding of what Intelligent Design actually involves.

With respect to any theory, students are encouraged to keep an open mind. The school leaves the discussion of the Origins of Life to individual students and their families. As a Standards-driven district, class instruction focuses upon preparing students to achieve proficiency on Standards-based assessments.

- 5. As noted in the last paragraph of the statement there will be no other discussion of the issue and your teachers will not answer any questions on this issue. If you or your parents have any questions, they can contact Dr. Nilsen, Mr. Baksa or Mr. Riedel.
- 6. Thank you and have a nice day.

ADMINISTRATOR'S BIOLOGY STATEMENT IN BIOLOGY CLASS (June 2005)

- Good morning/afternoon. I am, Dr. Richard Nilsen and Mr. Michael Baksa is standing over there.
- 2. You will soon begin to study Evolution in the class and the Board of School Directors has directed that the following statement be read. The statement is currently under litigation therefore; the administration is reading the statement not the teacher.
- 3. A letter went home asking if anyone had a problem with the statement and I would like to make sure at this time that everyone who would prefer not to hear the statement is now out of the classroom, anyone else?
- 4. Ok, the statement:

The Pennsylvania Academic Standards require students to learn about Darwin's Theory of Evolution and eventually to take a standardized test of which evolution is a part

Because Darwin's Theory is a theory, it continues to be tested as new evidence is discovered. The Theory is not a fact. Gaps in the Theory exist for which there is no evidence. A theory is defined as a well-tested explanation that unifies a broad range of observations.

Intelligent Design is an explanation of the origin of life that differs from Darwins view. The reference book, Of Pandas and People, is available in the library along with other resources for students who might be interested in gaining an understanding of what Intelligent Design actually involves.

With respect to any theory, students are encouraged to keep an open mind. The school leaves the discussion of the Origins of Life to individual students and their families. As a Standards-driven district, class instruction focuses upon preparing students to achieve proficiency on Standards-based assessment.

- 5. As noted in the last paragraph of the statement there will be no other discussion of the issue and your teachers will not answer any questions on the issue. If you or your parents have any questions, they can contact Dr. Nilsen, Mr. Baksa or Mr. Riedel.
- Thank you and have a nice day.